

**REMARKS/ARGUMENTS**

Claims 1, 5, 7-20 remain in the subject application. Claims 2, 3, 4 and 6 have been cancelled. Claims 21 – 24 have been added. Claims 1, 7, 14, 19 and 20 are amended, as recited hereinabove.

The disclosure has been objected to due to an informality, which has been corrected by amendment to the specification, as recited hereinabove.

Claims 14 and 16 have been objected to as being of improper dependent form and they has been amended, as recited hereinabove, to overcome this objection.

Fig. 3 has been amended to replace “FPD 32” with “PFD 32” for consistency with the specification.

Claim 1 has been rejected under 35 U.S.C. 112, second paragraph, as being indefinite, due to the amendments above, it is believed that this rejection has been overcome.

Claims 1-5 and 17-20 have been rejected under 35 U.S.C. 102(e) as being allegedly anticipated by Bellaouar (US 6,566,966), hereinafter referred to as “Bellaouar”. The claimed invention differs from Bellaouar and is believed to be patentable thereover because, *inter alia*, Bellaouar’s divider 24 is not the same as the counter 54 of the present invention, as indicated in the office action. Rather, the divider 24 of Bellaouar appears to be that of the present invention’s circuit 39 (in Fig. 3). In Bellaouar, there is no counter providing input to the course tuning, for example, through the course tuning input 16, such as the claimed invention. Furthermore, in the present invention, two comparators are used, in combination with the counter 54, to achieve a range, whereas, Bellaouar appears to use the divider 24 to divide the frequency. The added claims, as recited hereinabove, recite a voltage range that is not generated or used by Bellaouar.

Accordingly, it is submitted that independent claims 1, 5, 7-20 are patentable over Bellaouar. Additionally, it is submitted that newly-added claims 21-24 are patentable over Bellaouar.

Reconsideration and allowance of claims 1, 5, 7-20 is hereby respectfully requested. Additionally, consideration and allowance of claims 21-24 is hereby respectfully requested.

Application No. 10/681,517  
Amendment dated August 5, 2005  
Reply to Office Action of April 5, 2005

Applicants submit that the subject application is now in condition for allowance and an early notice thereof is respectfully requested. Should any further amendment be required prior to passing the application to issue, the Examiner is respectfully invited to contact the undersigned by telephone at the number set out below.

Respectfully submitted,  
LAW OFFICES OF IMAM

Dated: August 5, 2005  
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I hereby certify that this correspondence with all attachments is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Arlington VA 22313-1450 on August 5, 2005 by Erika Villafana.



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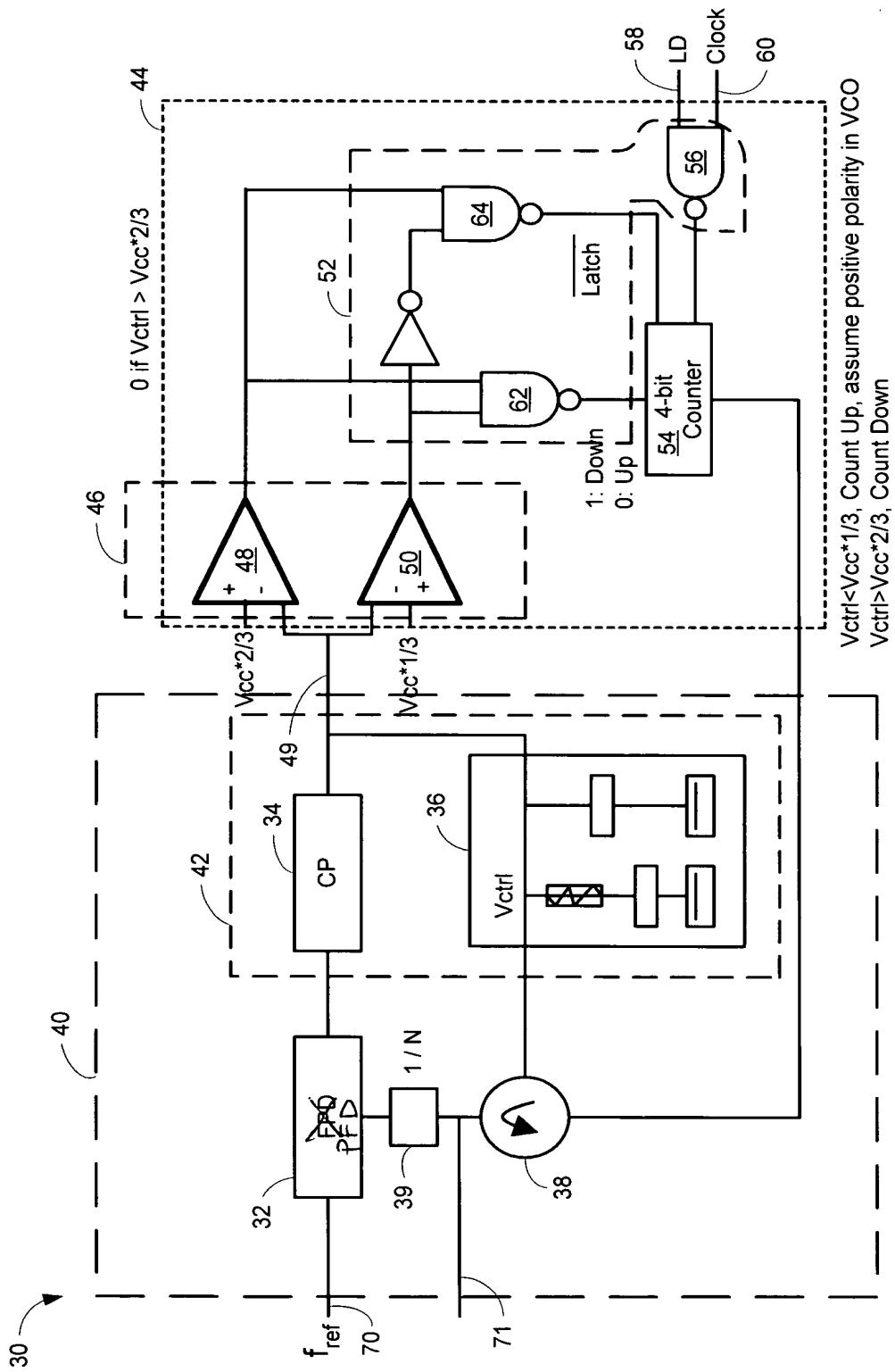
**Amendments To the Drawings:**

The attached sheet of drawings includes changes to Fig. 3. This sheet, which includes Fig. 3 only, replaces the original sheet. In Fig. 3, "FPD 32" has been changed to "PFD 32" in accordance with the specification.

Attachment: Replacement Sheet

Annotated Sheet Showing Changes

Annotated Sheet Showing Changes



F/G. 3